


# List of antibodies used for cell sorting

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Updated date: Oct 29, 2020

 An abbreviated version of this protocol was published in Science in Dec 2019

A genome-wide transcriptomic analysis of protein-coding genes in human blood cells

DOI: 10.1126/science.aax9198

## Detailed protocol

Dear Jiahui,

Thank you for your interest in our work. Please, find the requested list and the gating scheme attached.

List of antibodies used for cell sorting:

CD194/CCR4 [L291H4] PE (Biolegend, cat#359411); CD11c [Bu15] Brilliant Violet 421 (Biolegend, cat#337225); CD123 [6H6] FITC (Biolegend, cat#306014); CD127 [A019D5] Brilliant Violet 785 (Biolegend, cat#351329); CD14 [HCD14] PE (Biolegend, cat#325606); CD14 [HCD14] FITC (Biolegend, cat#325603); CD15 [MMA] eFluor 450 (eBioscience, cat#48-0158-41); CD16 [3G8] Brilliant Violet 711 (Biolegend, cat#302044); CD161 [HP-3G10] Brilliant Violet 421 (Biolegend, cat#339913); CD19 [HIB19] PE/Cy7 (Biolegend, cat#302216); CD193/CCR3 [5E8-G9-B4] APC (eBioscience, cat#17-1939-42); CD20 [2H7] Brilliant Violet 650 (Biolegend, cat#302336); CD203c [NP4D6] PE (eBioscience, cat#12-2039-41); CD25 [M-A251] Brilliant Violet 421 (Biolegend, cat#356113); CD27 [L128] Brilliant Violet 650 (BD biosciences, cat#563228); CD3 [HIT3a] Alexa Fluor 700 (Biolegend, cat#300324); CD3 [UCHT1] BD Horizon V450 (BD biosciences, cat#560366); CD3 [UCHT1] APC/Fire 750 (Biolegend, cat#300469); CD38 [HB-7] FITC (Biolegend, cat#356609); CD38 [HIT2] PE/Cy5 (eBioscience, cat#15-0389-42); CD4 [RPA-T4] PE/Cy5 (Biolegend, cat#300510); CD45 [HI30] BUV395 (BD biosciences, cat#563792); CD45RA [HI100] Brilliant Violet 785 (Biolegend, cat#304140); CD56 [5.1H11] APC (Biolegend, cat#362503); CD56 [NCAM16.2] Brilliant Violet 421 (BD biosciences, cat#562752); CD8a [SK1] Alexa Fluor 488 (Biolegend, cat#344716); HLA-Dr [L243] Brilliant Violet 605 (Biolegend, cat#307640); TCR V $\alpha$ 7.2 [3C10] PE (Biolegend, cat#351705);  $\delta$ TCR [B1.1] PerCP-eFluor 710 (eBioscience, cat#46-9959-41);

Kind regards,

Jaromir

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## Related files

 aax9198\_Uhlen\_SM\_Gating scheme for cell sorting.pdf



**How to cite:** (Readers should cite both the Bio-protocol preprint and the original research article where this protocol was used)

1. Mikes, J. (2020). List of antibodies used for cell sorting. Bio-protocol Preprint. [bio-protocol.org/prep583](https://bio-protocol.org/prep583).
2. Uhlen, M., Karlsson, M. J., Zhong, W., Tebani, A., Pou, C., Mikes, J., Lakshmikanth, T., Forsström, B., Edfors, F., Odeberg, J., Mardinoglu, A., Zhang, C., von Feilitzen, K., Mulder, J., Sjöstedt, E., Hober, A., Oksvold, P., Zwahlen, M., Ponten, F., Lindskog, C., Sivertsson, Å., Fagerberg, L., Brodin, P. and Feilitzen, K. V. (2019). A genome-wide transcriptomic analysis of protein-coding genes in human blood cells. Science 366(6472). DOI: [10.1126/science.aax9198](https://doi.org/10.1126/science.aax9198)

